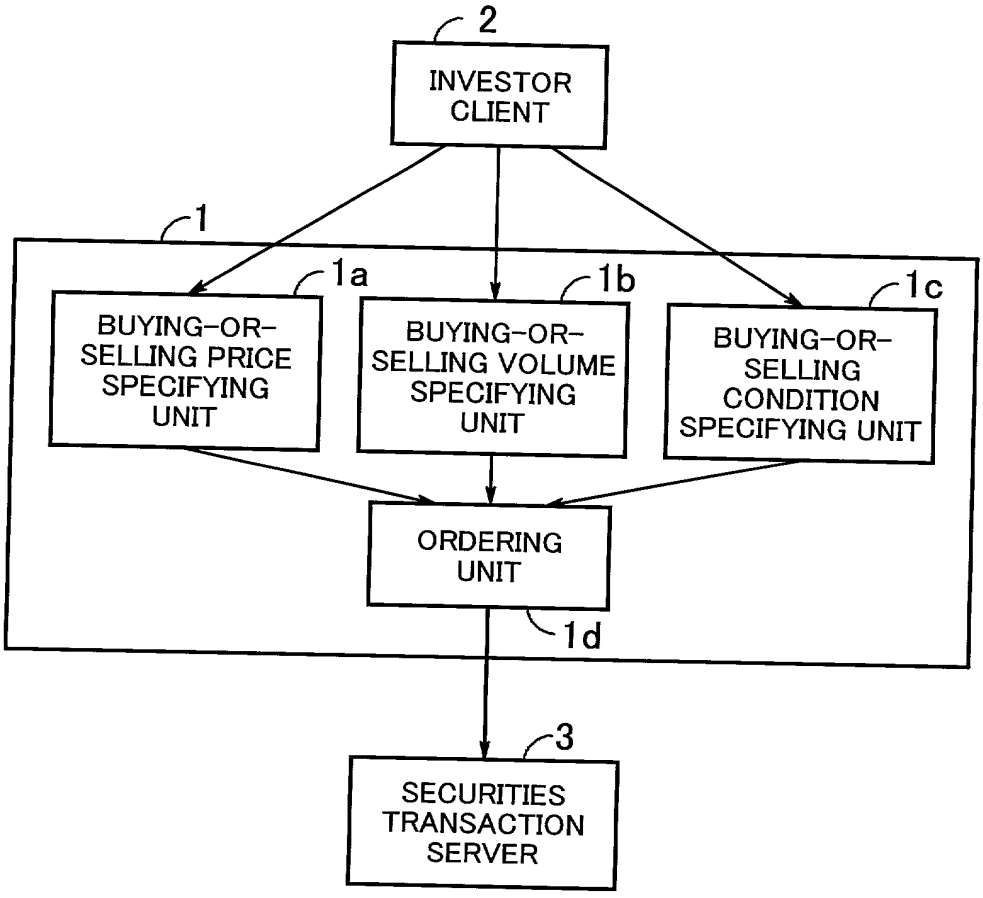
2
INVESTOR CLIENT
1
1a
BUYING-OR-SELLING PRICE SPECIFYING UNIT
1b
BUYING-OR-SELLING VOLUME SPECIFYING UNIT
1c
BUYING-OR-SELLING CONDITION SPECIFYING UNIT
ORDERING UNIT
1d
3
SECURITIES TRANSACTION SERVER

FIG. 1

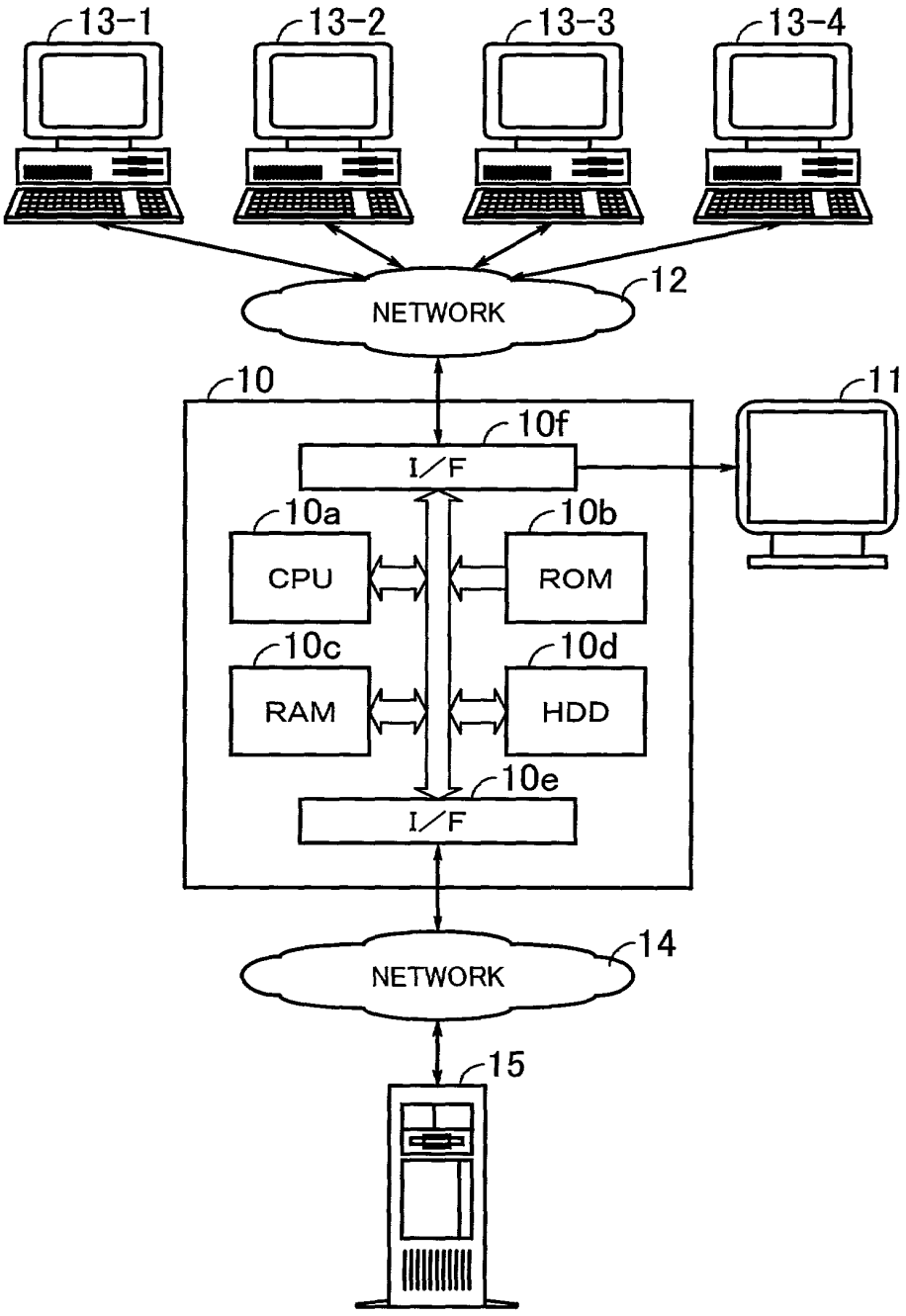
13-1
13-2
13-3
13-4
NETWORK
12
10
11
10f
I/F
10a
10b
CPU
ROM
10c
10d
RAM
HDD
10e
I/F
NETWORK
14
15

FIG. 2

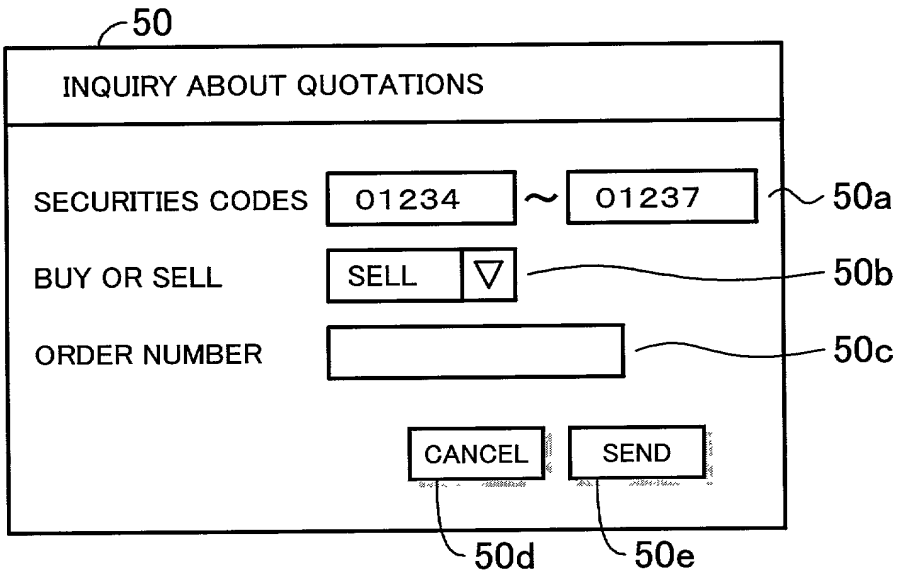
50
INQUIRY ABOUT QUOTATIONS
SECURITIES CODES
01234
~
01237
50a
BUY OR SELL
SELL
50b
ORDER NUMBER
50c
CANCEL
SEND
50d
50e

FIG. 3

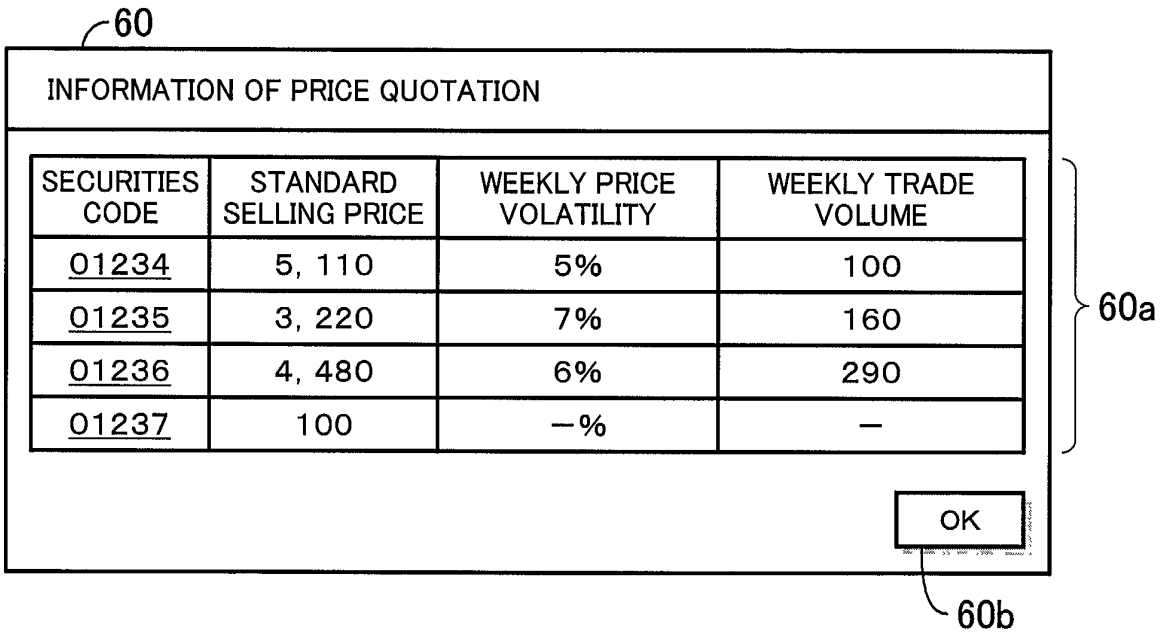
60
INFORMATION OF PRICE QUOTATION
SECURITIES CODE
STANDARD SELLING PRICE
WEEKLY PRICE VOLATILITY
WEEKLY TRADE VOLUME
01234
5, 110
5%
100
01235
3, 220
7%
160
01236
4, 480
6%
290
01237
100
—%
—
60a
OK
60b

FIG. 4

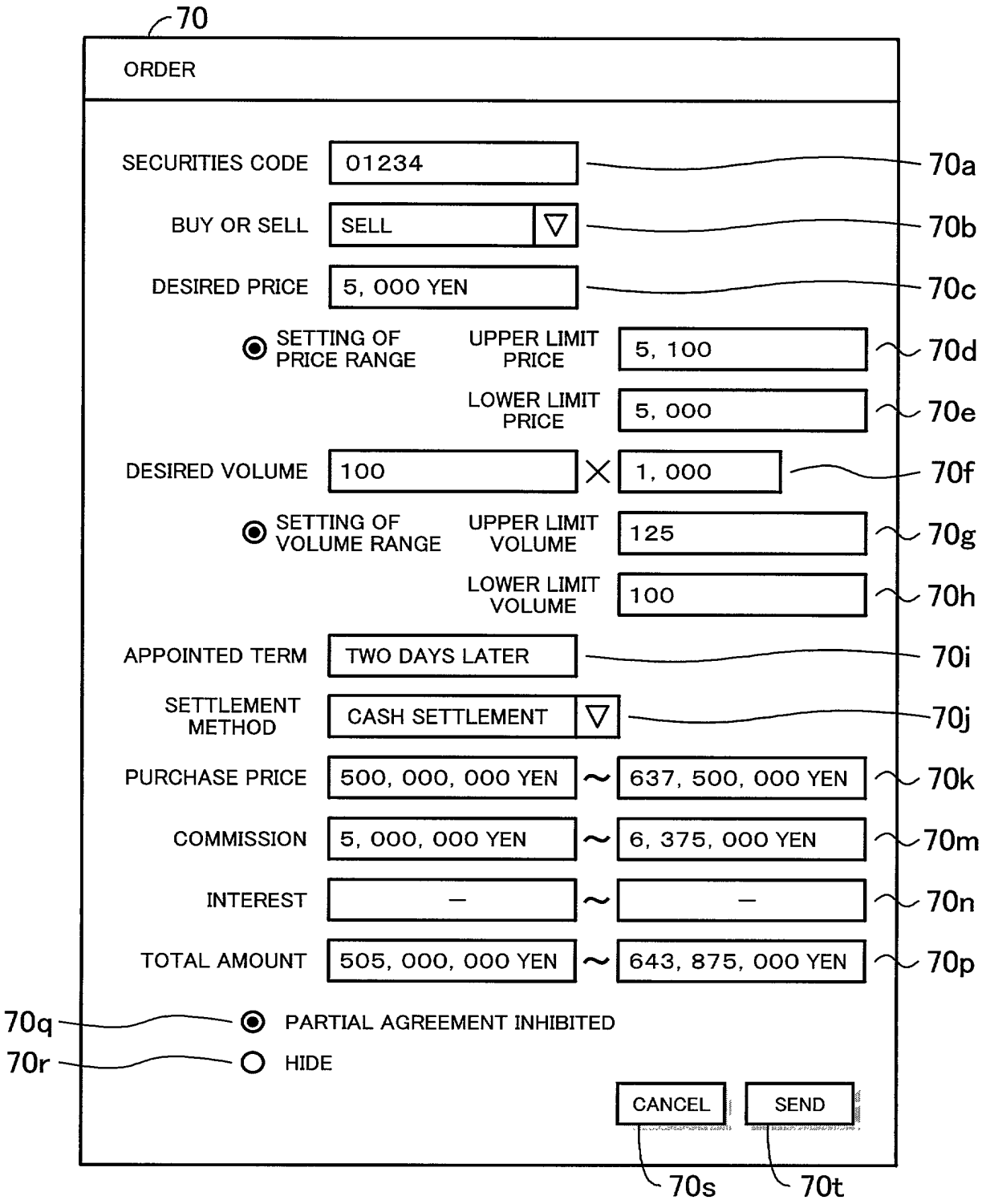
70
ORDER
SECURITIES CODE
01234
70a
BUY OR SELL
SELL
70b
DESIRED PRICE
5, 000 YEN
70c
SETTING OF PRICE RANGE
UPPER LIMIT PRICE
5, 100
70d
LOWER LIMIT PRICE
5, 000
70e
DESIRED VOLUME
100
1, 000
70f
SETTING OF VOLUME RANGE
UPPER LIMIT VOLUME
125
70g
LOWER LIMIT VOLUME
100
70h
APPOINTED TERM
TWO DAYS LATER
70i
SETTLEMENT METHOD
CASH SETTLEMENT
70j
PURCHASE PRICE
500, 000, 000 YEN
637, 500, 000 YEN
70k
COMMISSION
5, 000, 000 YEN
6, 375, 000 YEN
70m
INTEREST
—
—
70n
TOTAL AMOUNT
505, 000, 000 YEN
643, 875, 000 YEN
70p
70q
PARTIAL AGREEMENT INHIBITED
70r
HIDE
CANCEL
SEND
70s
70t

FIG. 5

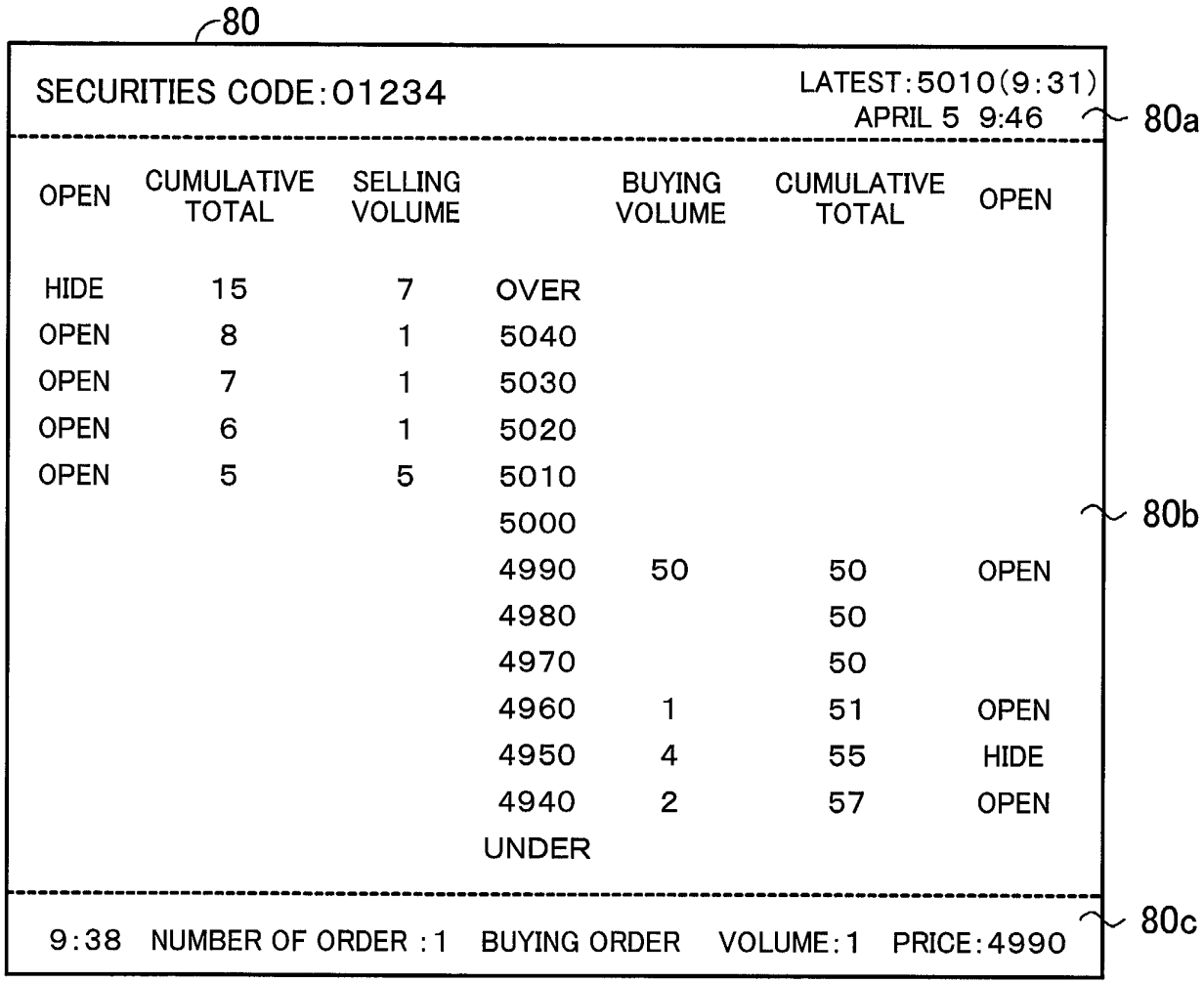
80
SECURITIES CODE:01234
LATEST:5010(9:31)
APRIL 5 9:46
80a
OPEN
CUMULATIVE TOTAL
SELLING VOLUME
BUYING VOLUME
CUMULATIVE TOTAL
OPEN
HIDE 15 7 OVER
OPEN 8 1 5040
OPEN 7 1 5030
OPEN 6 1 5020
OPEN 5 5 5010
5000
4990 50 50 OPEN
4980 50
4970 50
4960 1 51 OPEN
4950 4 55 HIDE
4940 2 57 OPEN
UNDER
80b
9:38 NUMBER OF ORDER :1 BUYING ORDER VOLUME:1 PRICE:4990
80c

FIG. 6

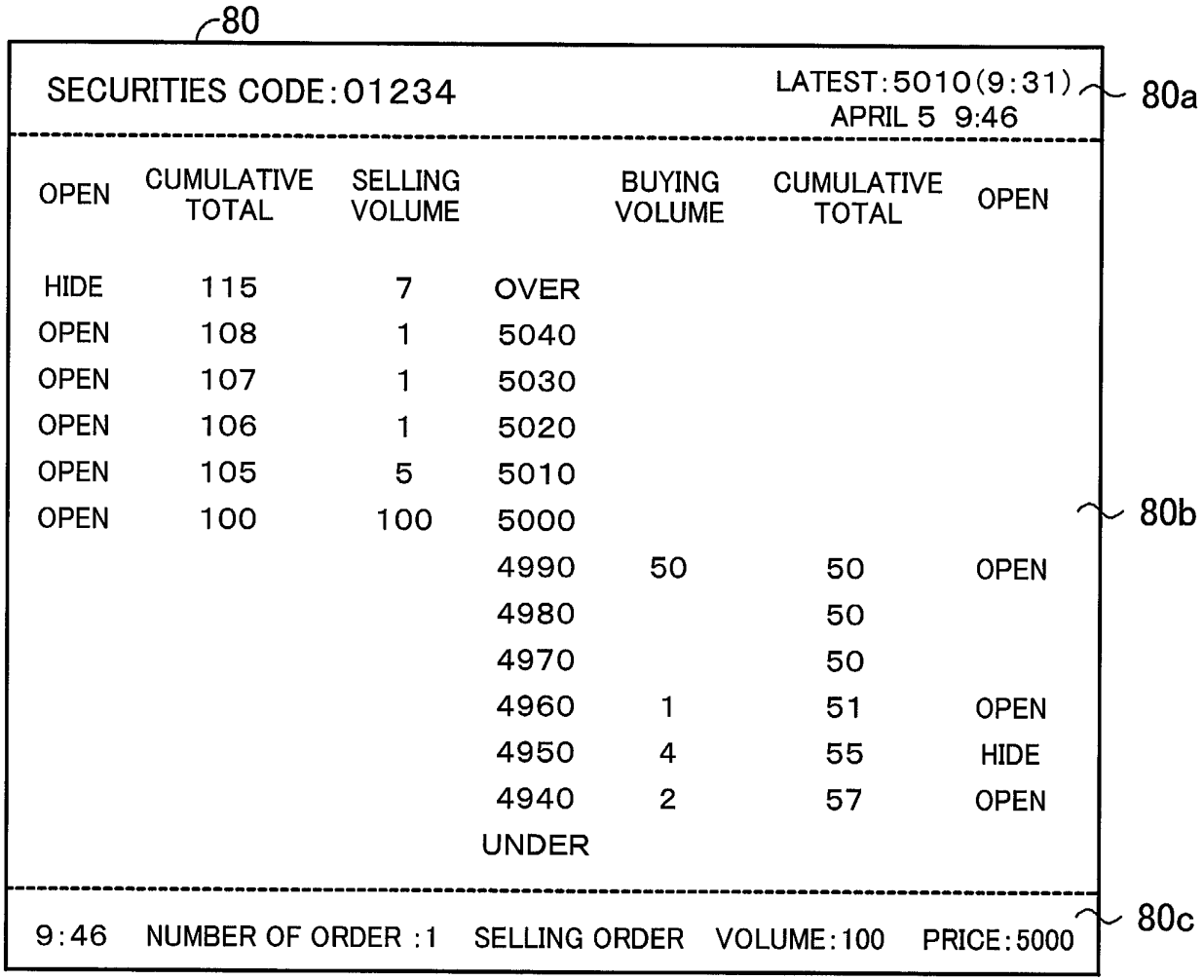
80
SECURITIES CODE:01234
LATEST:5010(9:31)
APRIL 5 9:46
80a
OPEN
CUMULATIVE TOTAL
SELLING VOLUME
BUYING VOLUME
CUMULATIVE TOTAL
OPEN
HIDE 115 7 OVER
OPEN 108 1 5040
OPEN 107 1 5030
OPEN 106 1 5020
OPEN 105 5 5010
OPEN 100 100 5000
4990 50 50 OPEN
4980 50
4970 50
4960 1 51 OPEN
4950 4 55 HIDE
4940 2 57 OPEN
UNDER
80b
9:46 NUMBER OF ORDER :1 SELLING ORDER VOLUME:100 PRICE:5000
80c

FIG. 7

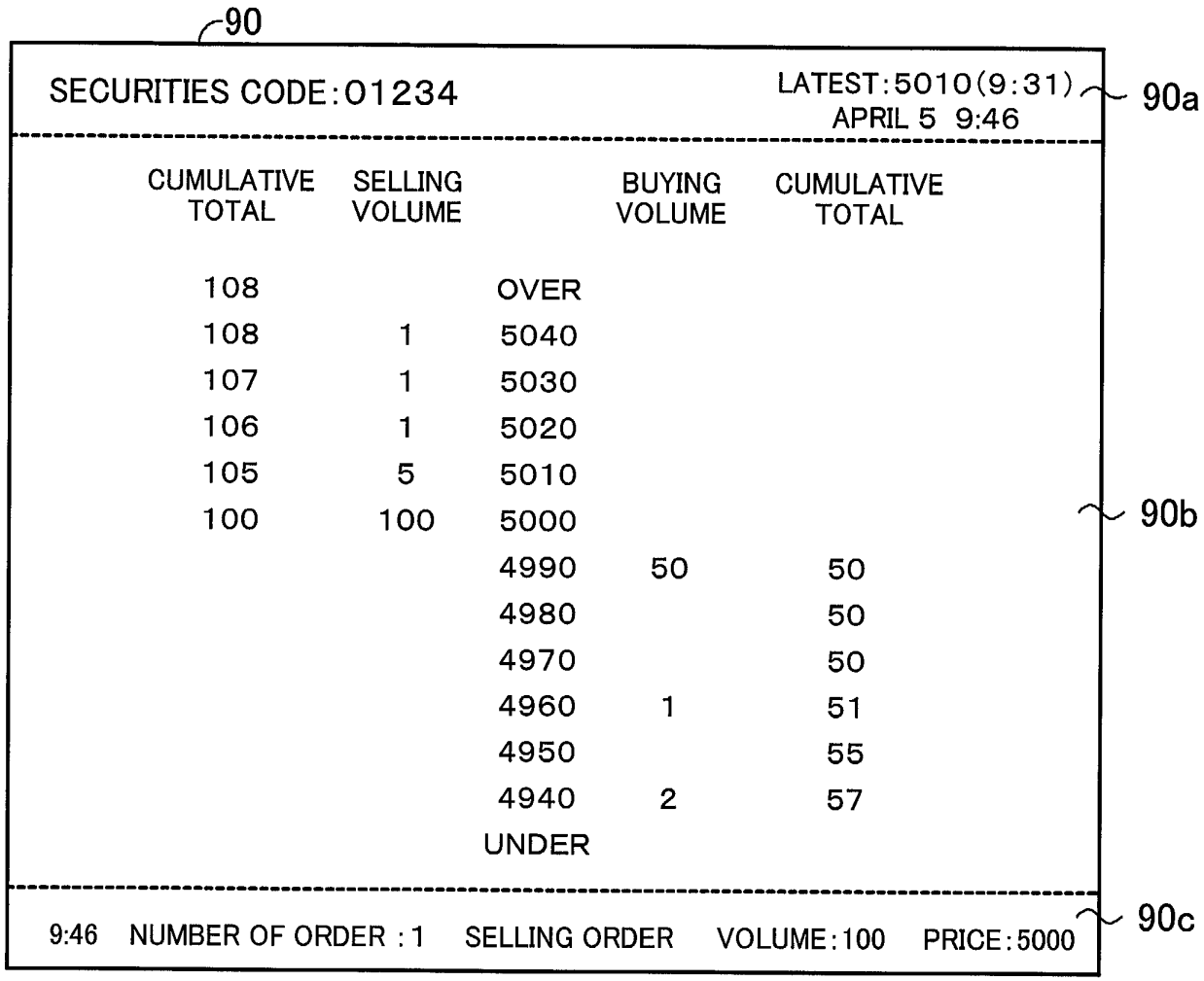
90
SECURITIES CODE:01234
LATEST:5010(9:31)
APRIL 5 9:46
90a
CUMULATIVE TOTAL
SELLING VOLUME
BUYING VOLUME
CUMULATIVE TOTAL
108 OVER
108 1 5040
107 1 5030
106 1 5020
105 5 5010
100 100 5000
4990 50 50
4980 50
4970 50
4960 1 51
4950 55
4940 2 57
UNDER
90b
9:46 NUMBER OF ORDER : 1 SELLING ORDER VOLUME:100 PRICE:5000
90c

FIG. 8

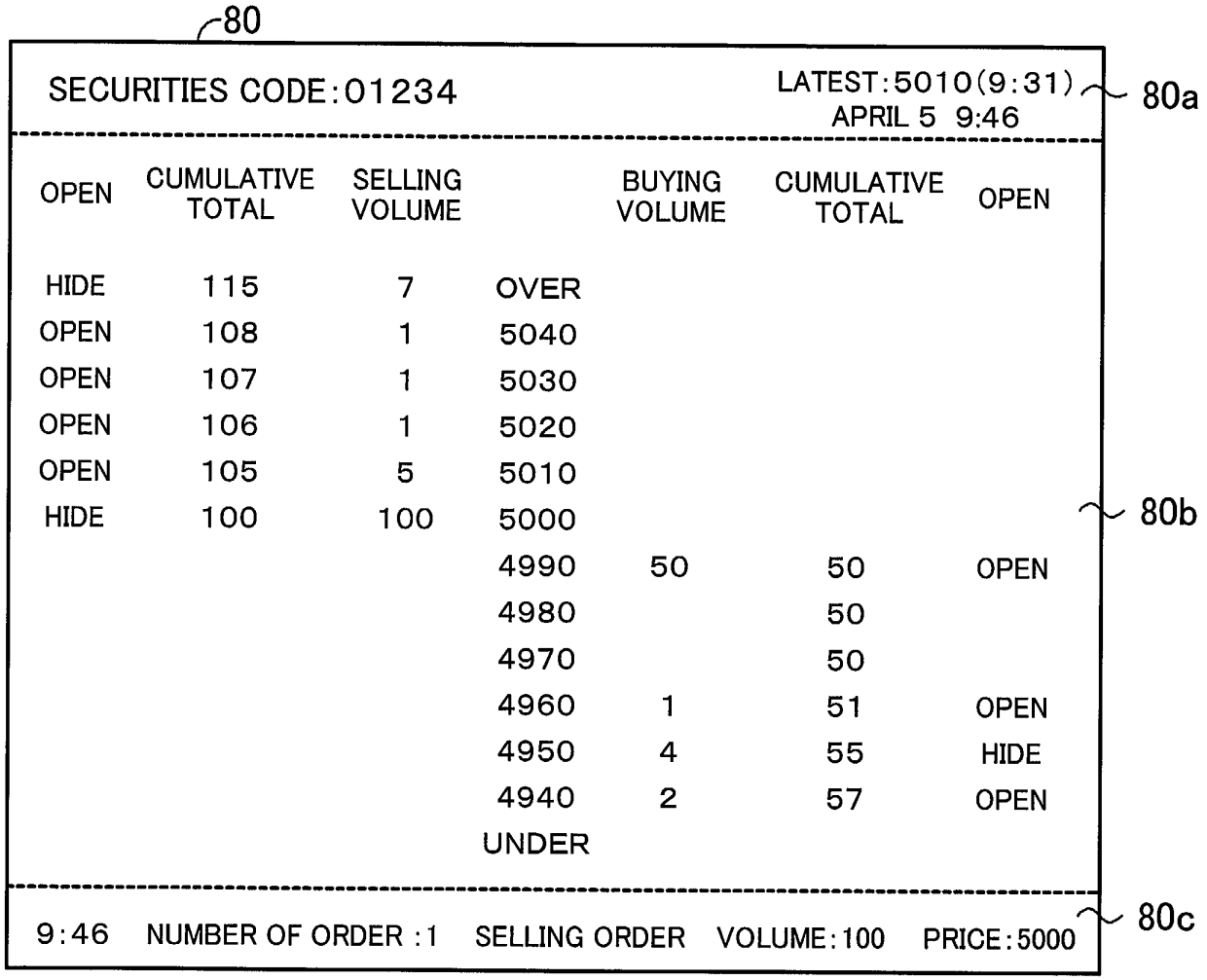
80
SECURITIES CODE:01234
LATEST:5010(9:31)
APRIL 5 9:46
80a
OPEN
CUMULATIVE TOTAL
SELLING VOLUME
BUYING VOLUME
CUMULATIVE TOTAL
OPEN
HIDE 115 7 OVER
OPEN 108 1 5040
OPEN 107 1 5030
OPEN 106 1 5020
OPEN 105 5 5010
HIDE 100 100 5000
4990 50 50 OPEN
4980 50
4970 50
4960 1 51 OPEN
4950 4 55 HIDE
4940 2 57 OPEN
UNDER
80b
9:46 NUMBER OF ORDER :1 SELLING ORDER VOLUME:100 PRICE:5000
80c

FIG. 9

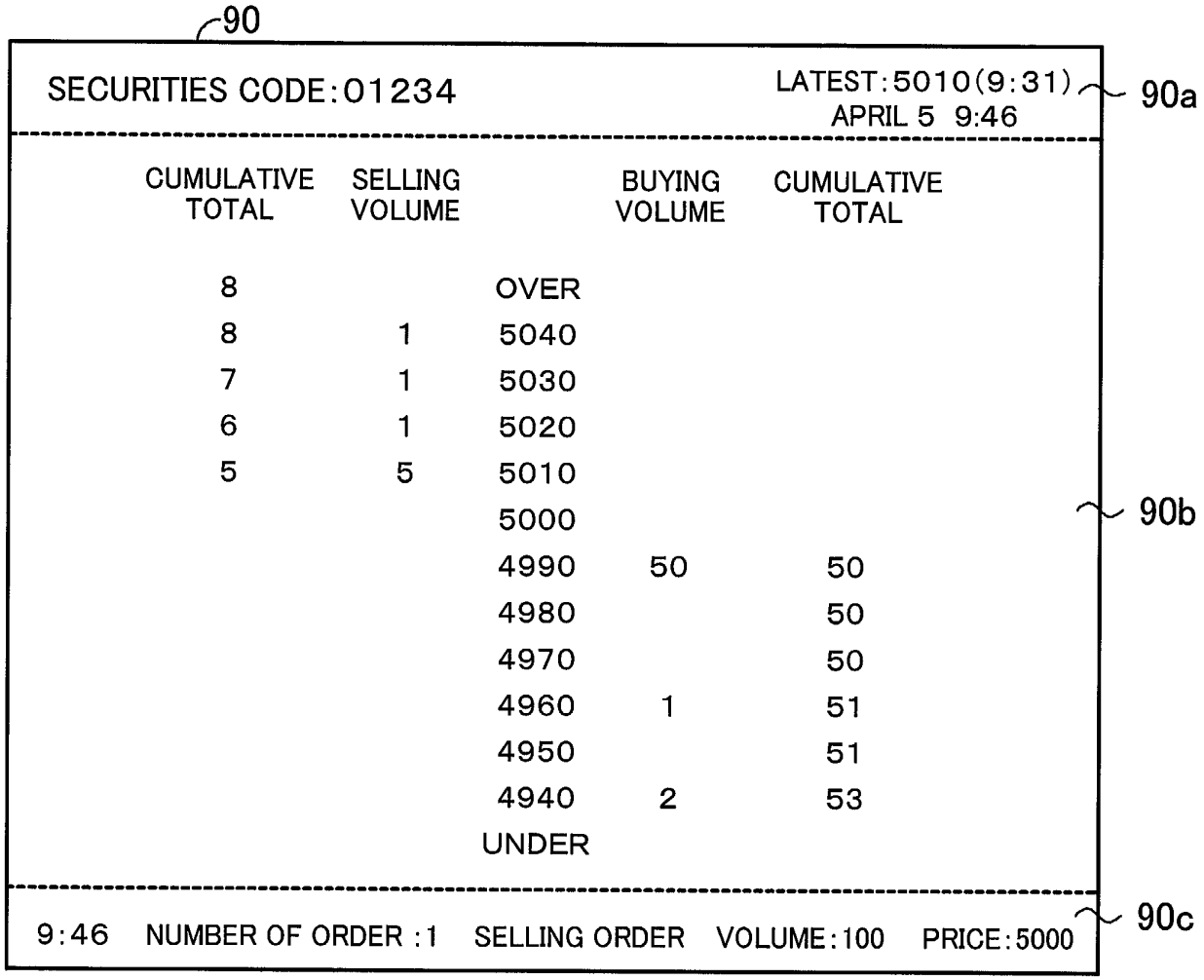
90
SECURITIES CODE:01234
LATEST:5010(9:31)
APRIL 5 9:46
90a
CUMULATIVE TOTAL
SELLING VOLUME
BUYING VOLUME
CUMULATIVE TOTAL
8 OVER
8 1 5040
7 1 5030
6 1 5020
5 5 5010
5000
4990 50 50
4980 50
4970 50
4960 1 51
4950 51
4940 2 53
UNDER
90b
9:46 NUMBER OF ORDER :1 SELLING ORDER VOLUME:100 PRICE:5000
90c

FIG. 10

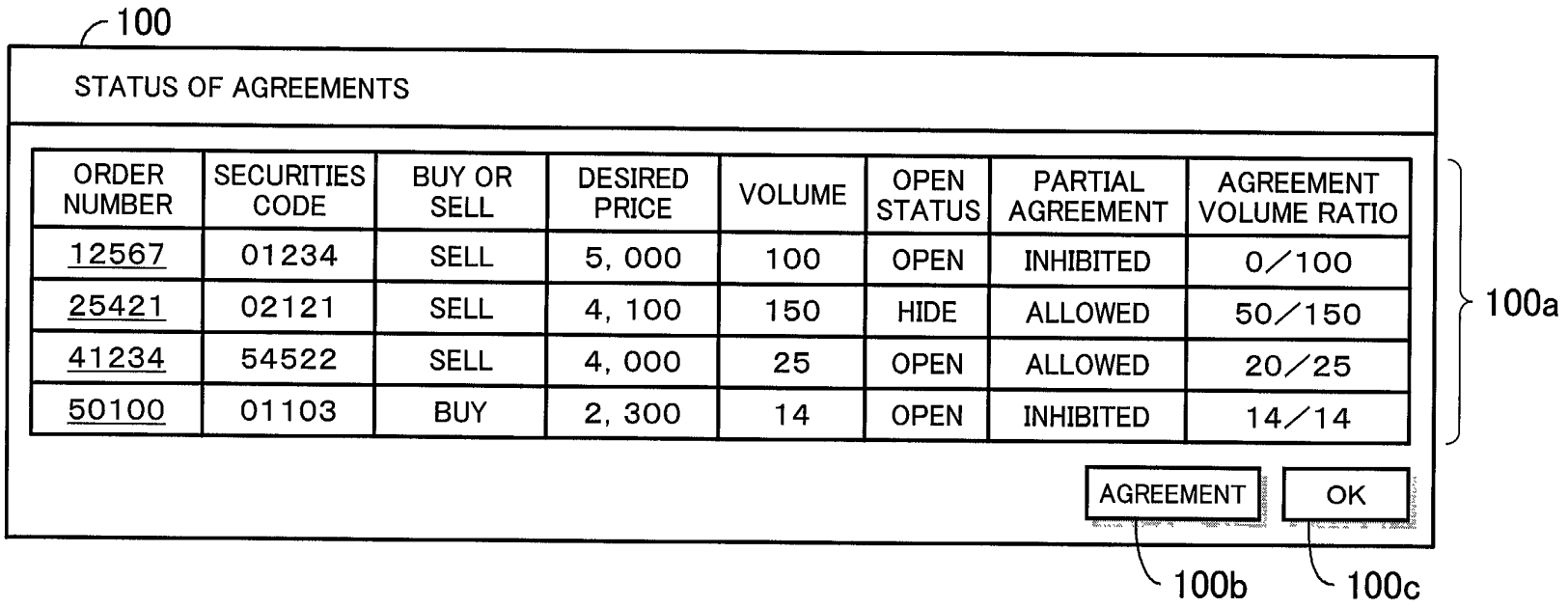
100
STATUS OF AGREEMENTS
ORDER NUMBER
SECURITIES CODE
BUY OR SELL
DESIRED PRICE
VOLUME
OPEN STATUS
PARTIAL AGREEMENT
AGREEMENT VOLUME RATIO
12567
01234
SELL
5, 000
100
OPEN
INHIBITED
0/100
25421
02121
SELL
4, 100
150
HIDE
ALLOWED
50/150
41234
54522
SELL
4, 000
25
OPEN
ALLOWED
20/25
50100
01103
BUY
2, 300
14
OPEN
INHIBITED
14/14
100a
AGREEMENT
OK
100b
100c

FIG. 11

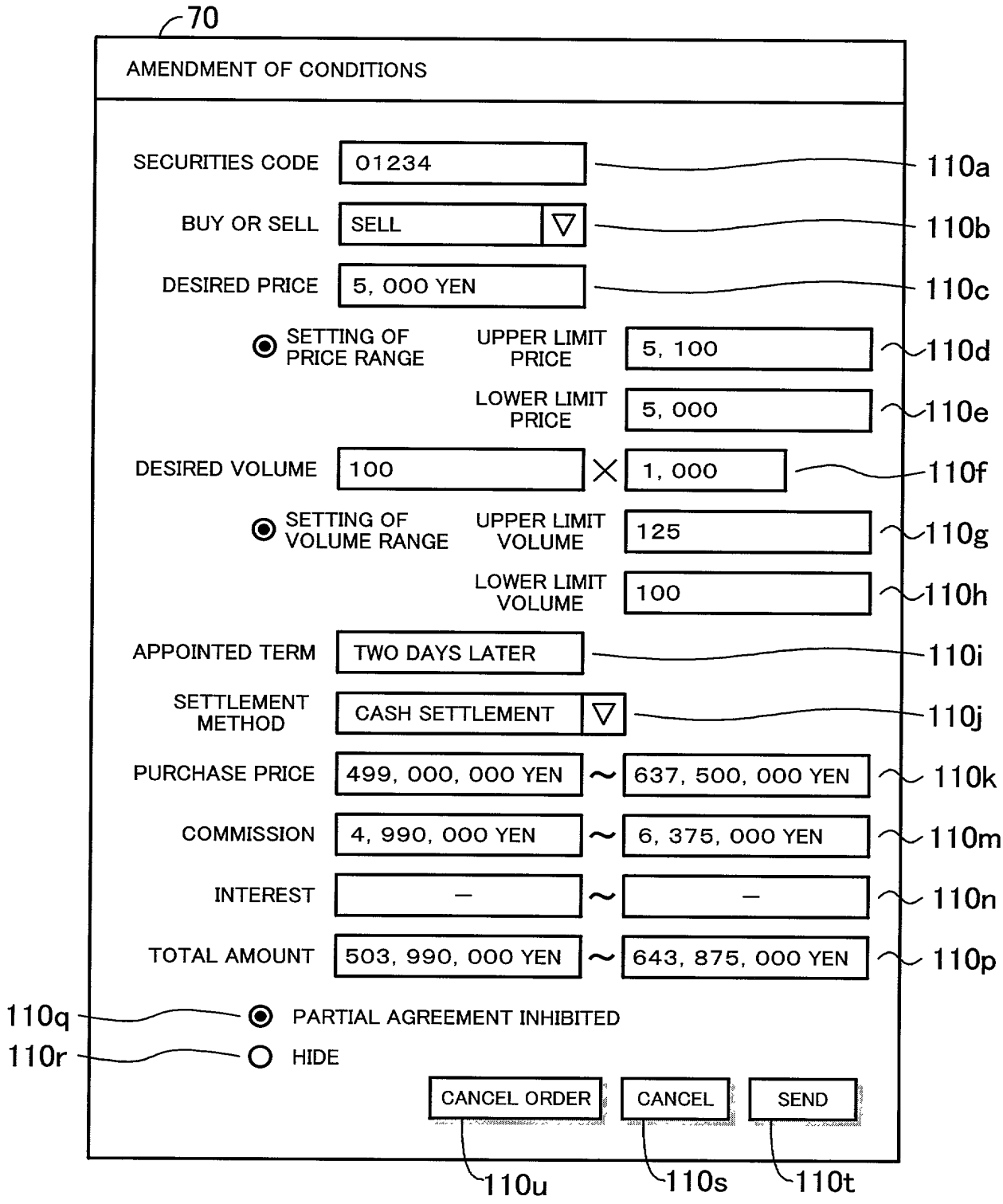
70
AMENDMENT OF CONDITIONS
SECURITIES CODE
01234
110a
BUY OR SELL
SELL
110b
DESIRED PRICE
5, 000 YEN
110c
SETTING OF PRICE RANGE
UPPER LIMIT PRICE
5, 100
110d
LOWER LIMIT PRICE
5, 000
110e
DESIRED VOLUME
100
1, 000
110f
SETTING OF VOLUME RANGE
UPPER LIMIT VOLUME
125
110g
LOWER LIMIT VOLUME
100
110h
APPOINTED TERM
TWO DAYS LATER
110i
SETTLEMENT METHOD
CASH SETTLEMENT
110j
PURCHASE PRICE
499, 000, 000 YEN
637, 500, 000 YEN
110k
COMMISSION
4, 990, 000 YEN
6, 375, 000 YEN
110m
INTEREST
—
—
110n
TOTAL AMOUNT
503, 990, 000 YEN
643, 875, 000 YEN
110p
110q
PARTIAL AGREEMENT INHIBITED
110r
HIDE
CANCEL ORDER
CANCEL
SEND
110u
110s
110t

FIG. 12

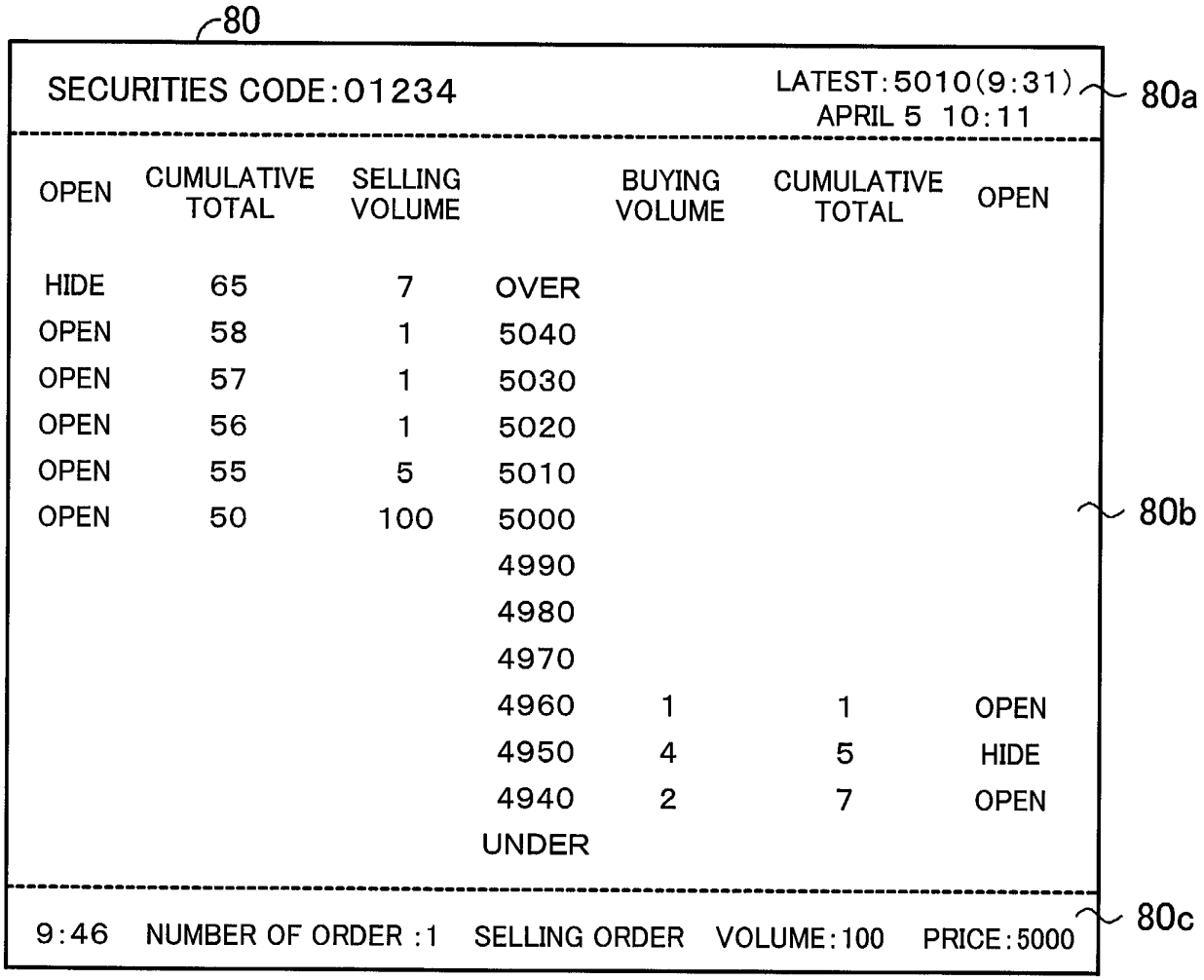
80
SECURITIES CODE:01234
LATEST:5010(9:31)
APRIL 5 10:11
80a
OPEN
CUMULATIVE TOTAL
SELLING VOLUME
BUYING VOLUME
CUMULATIVE TOTAL
OPEN
HIDE 65 7 OVER
OPEN 58 1 5040
OPEN 57 1 5030
OPEN 56 1 5020
OPEN 55 5 5010
OPEN 50 100 5000
4990
4980
4970
4960 1 1 OPEN
4950 4 5 HIDE
4940 2 7 OPEN
UNDER
80b
9:46 NUMBER OF ORDER :1 SELLING ORDER VOLUME:100 PRICE:5000
80c

FIG. 13

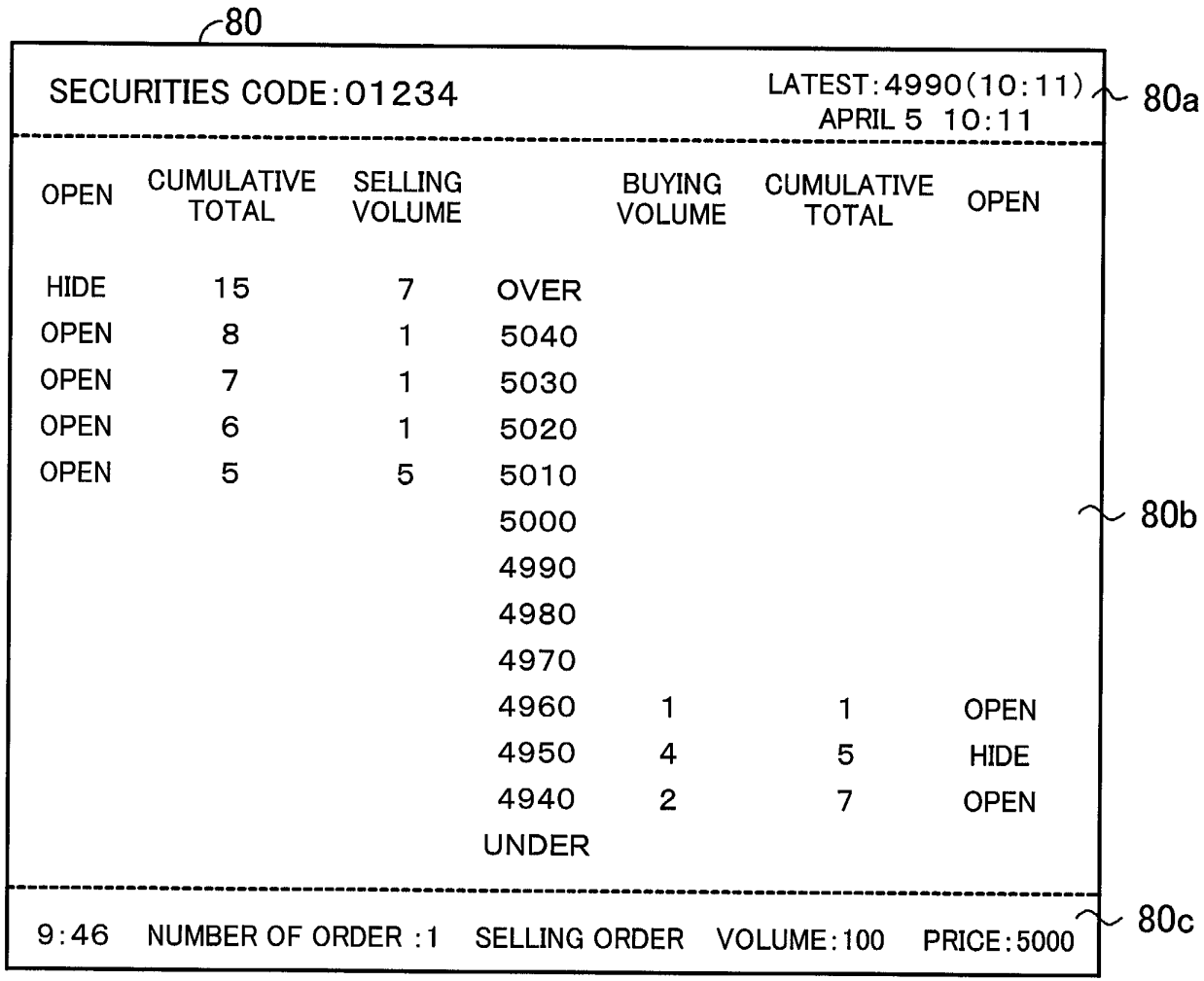
80
SECURITIES CODE:01234
LATEST:4990(10:11)
APRIL 5 10:11
80a
OPEN
CUMULATIVE TOTAL
SELLING VOLUME
BUYING VOLUME
CUMULATIVE TOTAL
OPEN
HIDE 15 7 OVER
OPEN 8 1 5040
OPEN 7 1 5030
OPEN 6 1 5020
OPEN 5 5 5010
5000
4990
4980
4970
4960 1 1 OPEN
4950 4 5 HIDE
4940 2 7 OPEN
UNDER
80b
9:46 NUMBER OF ORDER :1 SELLING ORDER VOLUME:100 PRICE:5000
80c

FIG. 14

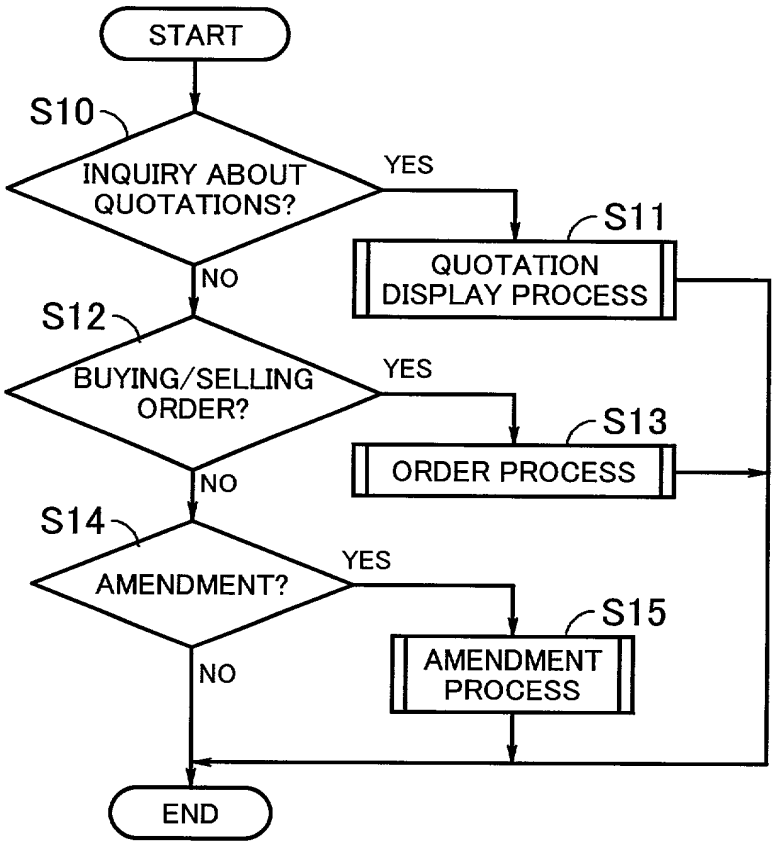
START
S10
INQUIRY ABOUT QUOTATIONS?
YES
S11
QUOTATION DISPLAY PROCESS
NO
S12
BUYING/SELLING ORDER?
YES
S13
ORDER PROCESS
NO
S14
AMENDMENT?
YES
S15
AMENDMENT PROCESS
NO
END

FIG. 15

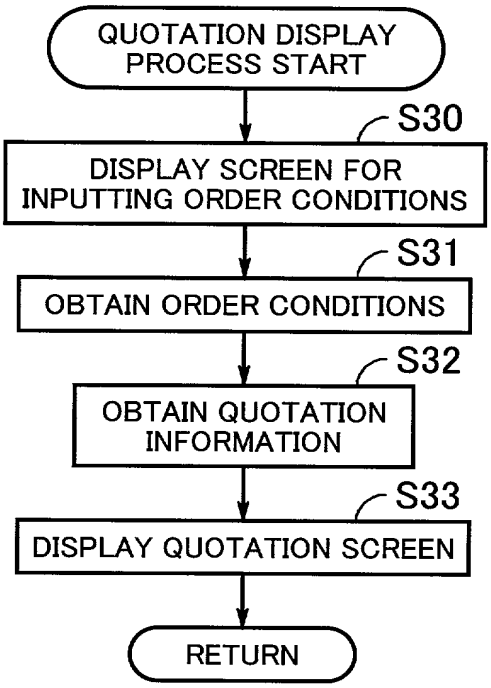
QUOTATION DISPLAY PROCESS START
S30
DISPLAY SCREEN FOR INPUTTING ORDER CONDITIONS
S31
OBTAIN ORDER CONDITIONS
S32
OBTAIN QUOTATION INFORMATION
S33
DISPLAY QUOTATION SCREEN
RETURN

FIG. 16

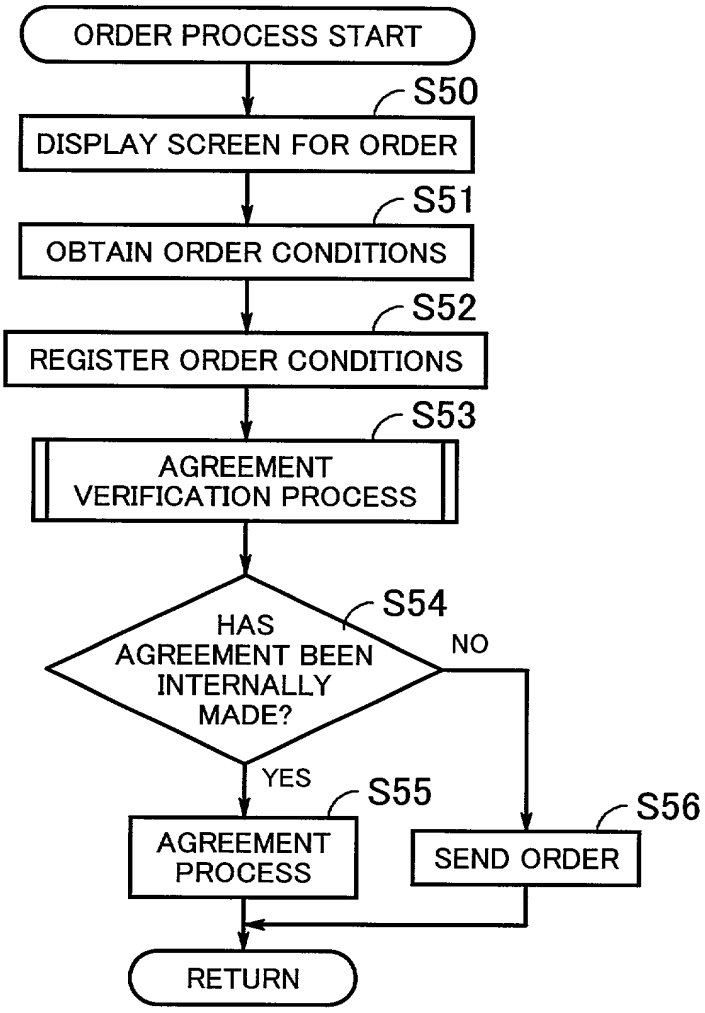
ORDER PROCESS START
S50
DISPLAY SCREEN FOR ORDER
S51
OBTAIN ORDER CONDITIONS
S52
REGISTER ORDER CONDITIONS
S53
AGREEMENT VERIFICATION PROCESS
S54
HAS AGREEMENT BEEN INTERNALLY MADE?
NO
YES
S55
AGREEMENT PROCESS
S56
SEND ORDER
RETURN

FIG. 17

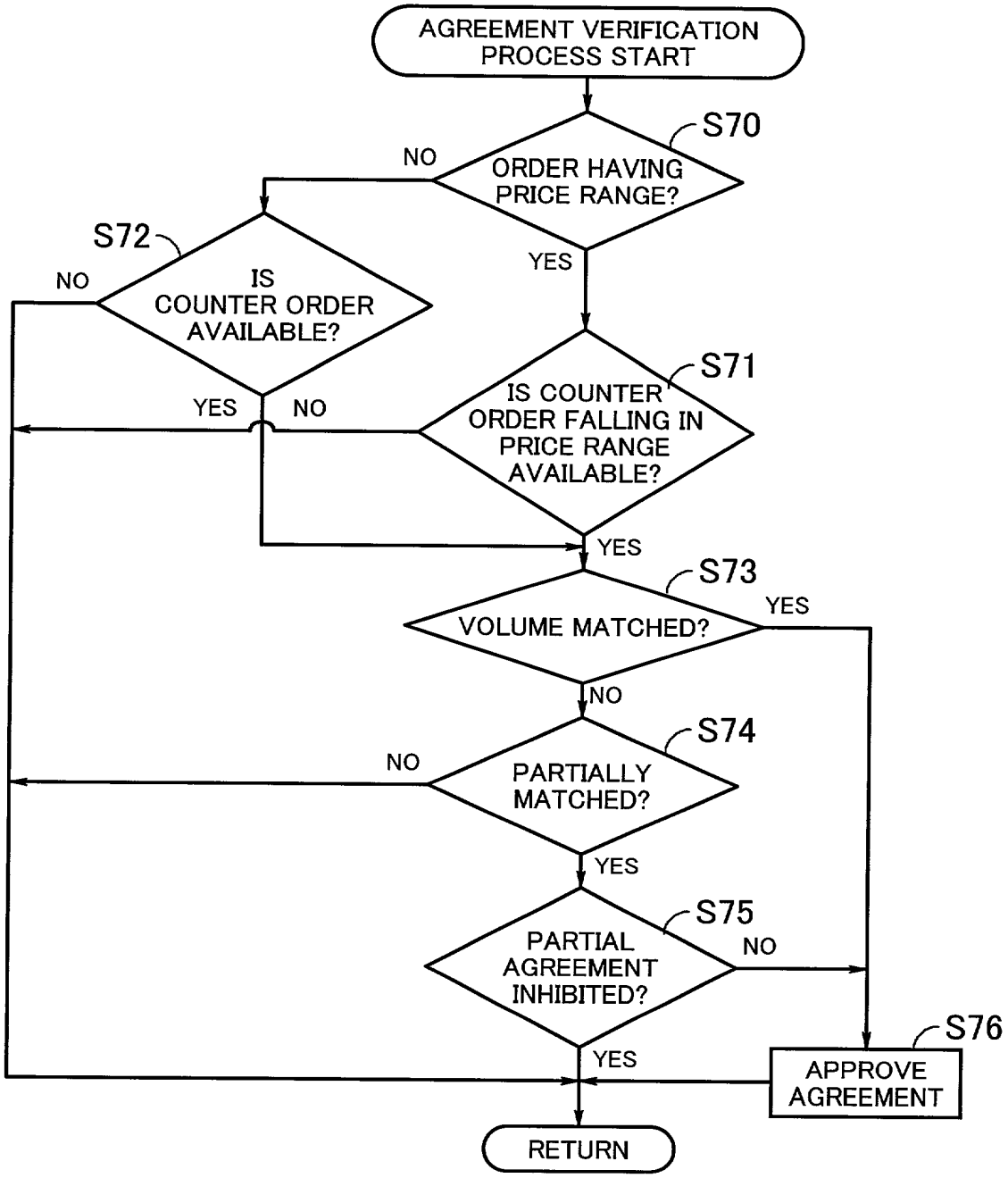
AGREEMENT VERIFICATION PROCESS START
S70
ORDER HAVING PRICE RANGE?
NO
YES
S72
IS COUNTER ORDER AVAILABLE?
NO
S71
IS COUNTER ORDER FALLING IN PRICE RANGE AVAILABLE?
YES
NO
YES
S73
VOLUME MATCHED?
YES
NO
S74
PARTIALLY MATCHED?
NO
YES
S75
PARTIAL AGREEMENT INHIBITED?
NO
S76
APPROVE AGREEMENT
YES
RETURN

FIG. 18

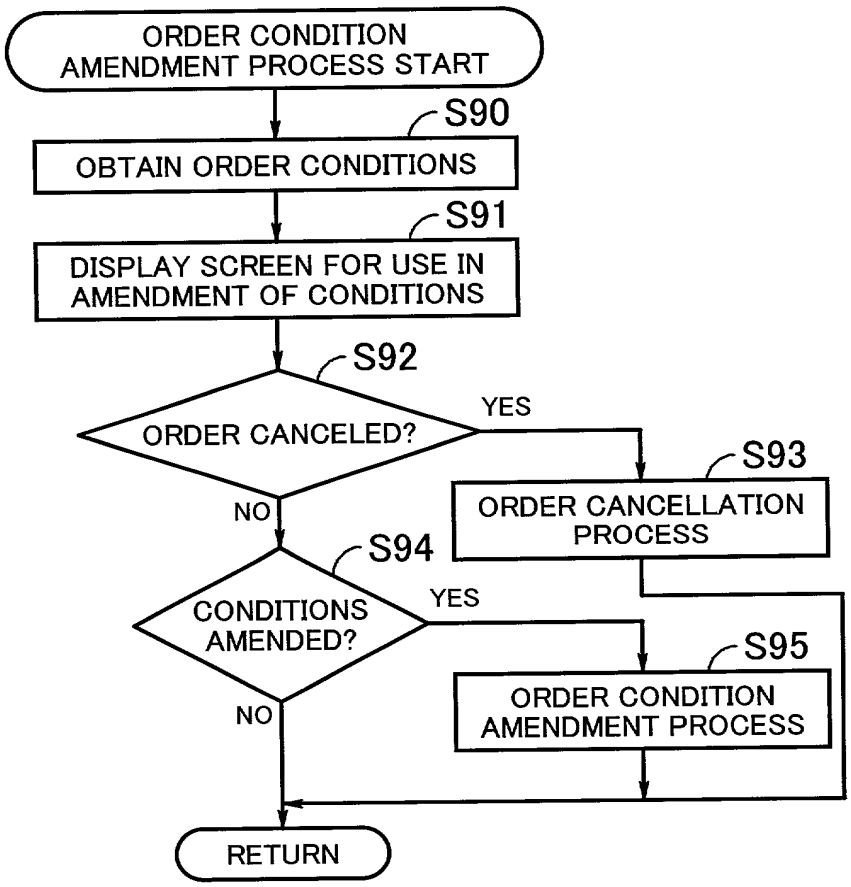
ORDER CONDITION AMENDMENT PROCESS START
S90
OBTAIN ORDER CONDITIONS
S91
DISPLAY SCREEN FOR USE IN AMENDMENT OF CONDITIONS
S92
ORDER CANCELED?
YES
S93
ORDER CANCELLATION PROCESS
NO
S94
CONDITIONS AMENDED?
YES
S95
ORDER CONDITION AMENDMENT PROCESS
NO
RETURN

FIG. 19

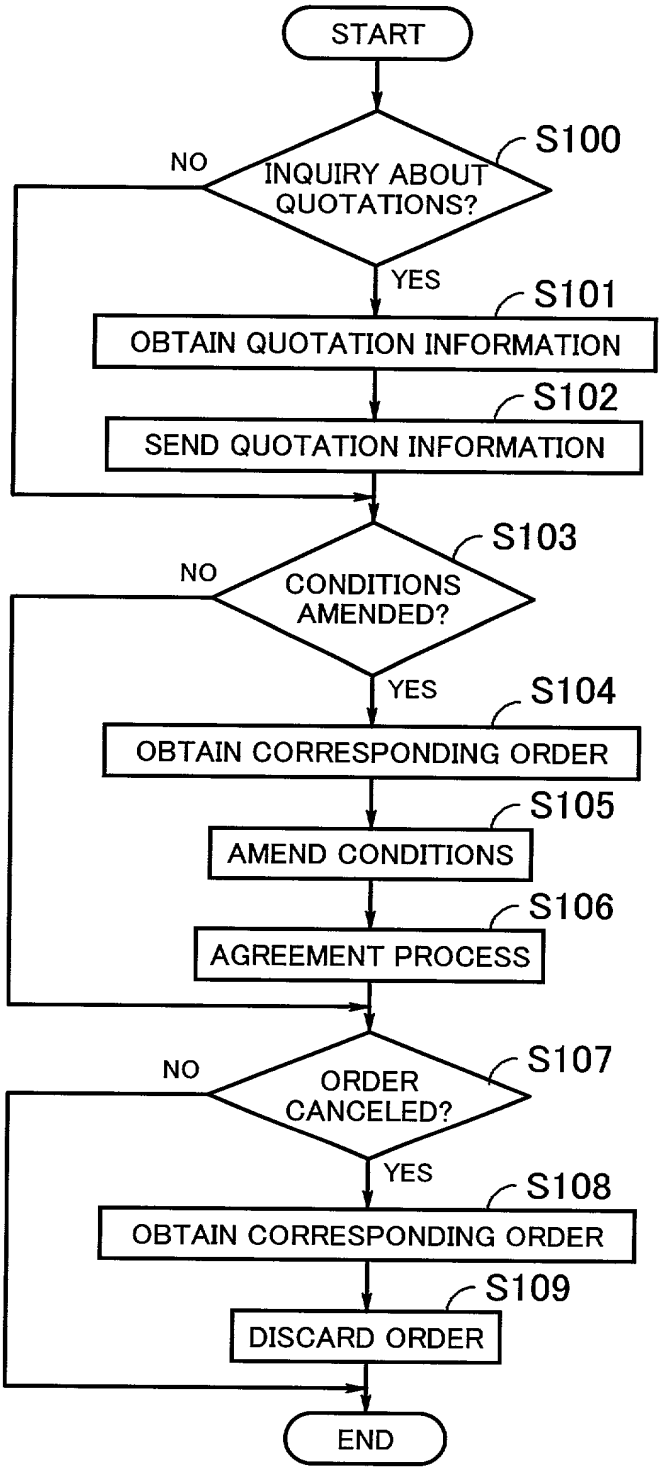
START
S100
INQUIRY ABOUT QUOTATIONS?
NO
YES
S101
OBTAIN QUOTATION INFORMATION
S102
SEND QUOTATION INFORMATION
S103
CONDITIONS AMENDED?
NO
YES
S104
OBTAIN CORRESPONDING ORDER
S105
AMEND CONDITIONS
S106
AGREEMENT PROCESS
S107
ORDER CANCELED?
NO
YES
S108
OBTAIN CORRESPONDING ORDER
S109
DISCARD ORDER
END

FIG. 20

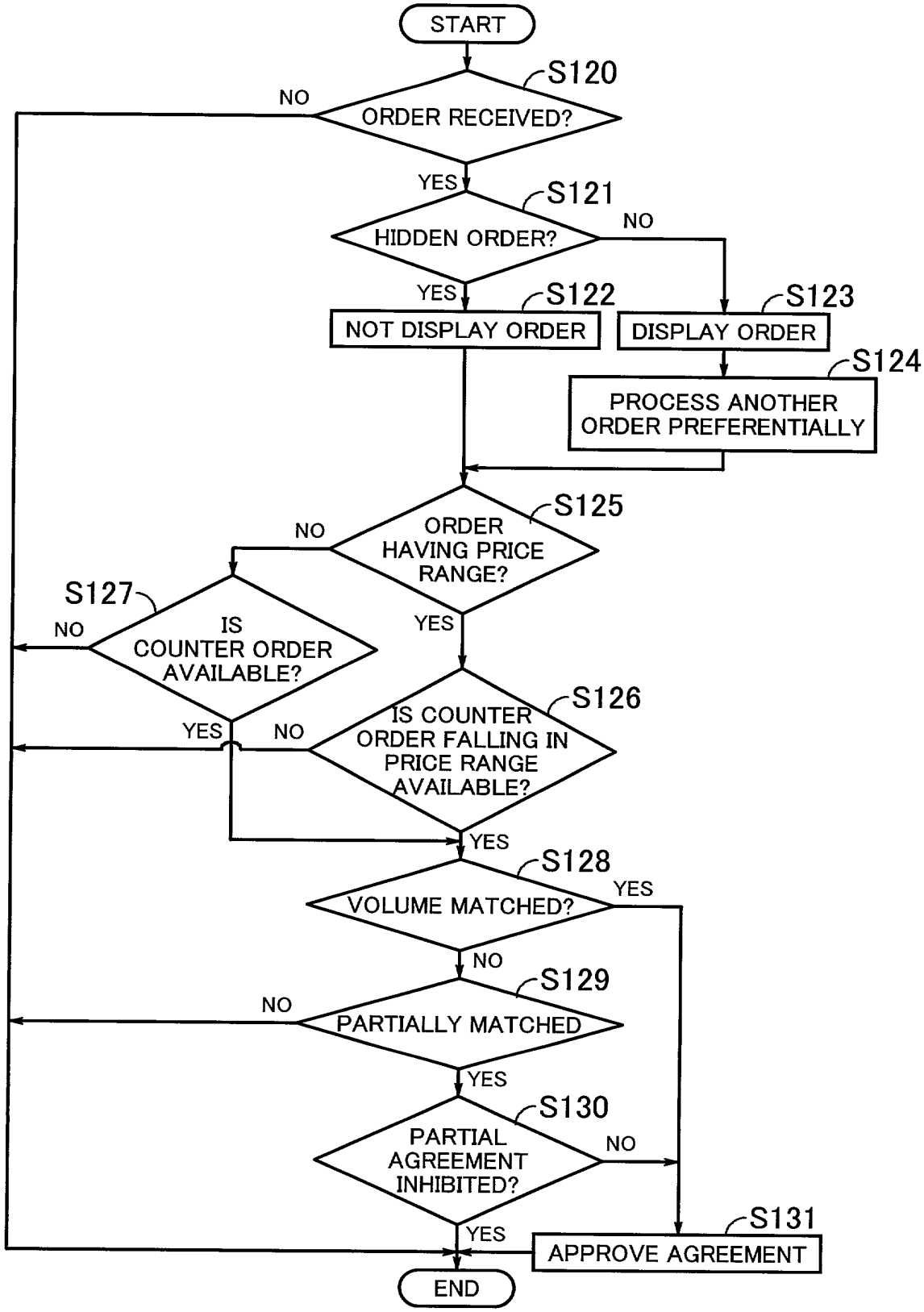
START
S120
ORDER RECEIVED?
NO
YES
S121
HIDDEN ORDER?
NO
YES
S122
NOT DISPLAY ORDER
S123
DISPLAY ORDER
S124
PROCESS ANOTHER ORDER PREFERENTIALLY
S125
ORDER HAVING PRICE RANGE?
NO
YES
S127
IS COUNTER ORDER AVAILABLE?
NO
YES
S126
IS COUNTER ORDER FALLING IN PRICE RANGE AVAILABLE?
NO
YES
S128
VOLUME MATCHED?
YES
NO
S129
PARTIALLY MATCHED
NO
YES
S130
PARTIAL AGREEMENT INHIBITED?
NO
YES
S131
APPROVE AGREEMENT
END

FIG. 21